Application

Hazard Mitigation Grant Program

FEMA-1888 -DR-AZ

January 2010 Buy Out: 201-14-018D

Project Name

Gila County

Sponsoring Agency

For State Use Only		
Date Received	**Application Type**	**Application Number**

Arizona Division of Emergency Management
5636 E McDowell Road, Phoenix, Arizona 85008-3495
(602) 464-6349 | 1-800-411-2336 | www.dem.azdema.gov

Return form to: allen.howard@azdema.gov,
Phone: (602) 464-6349 Fax: (602) 464-6538

Part I: Contact Information

Matt Bolinger	Debra L. Williams
Primary Contact	**Secondary Contact**
Director	Deputy Director
Title	**Title**
Gila County Emergency Management	Gila County Emergency Management
Agency	**Agency**
5515 S. Apache Ave., Suite 400	5515 S. Apache Ave., Suite 400
Address	**Address**
Globe, Gila, AZ 85501	Globe, Gila, AZ 85501
City, County, State, Zip Code	**City, County, State, Zip Code**
928-402-8764	928-402-8763
Phone Number	**Phone Number**
mbolinger@co.gila.az.us	dwilliams@co.gila.az.us
E-mail	**E-mail**

Part II: Community Information

Applicant Type: Local Government

197 W. Reno Dr.
Project Address

Tonto Basin, Gila, AZ 85553
City, County, State, Zip Code

33°51'54.5**W** 111°18'5.8 **N**
GPS Coordinates (Decimal Degrees)

Datum (coordinates must be in either WGS 84, NAD 83, or NAD 27)

Is this a small and impoverished community?

County Code **00000 H1**

FIPS Code 007

US Congressional District **1**

State Legislative District(s) 5

Part II: Community Information, Continued

Mitigation Plan Information

Does your state have a FEMA-approved multi-hazard mitigation plan?

Yes

Is your agency and/or project location covered by a FEMA-approved multi-hazard mitigation plan? (An approved mitigation plan is required in order to receive funding through this grant program.)

Yes

What is the name of the plan?

Gila County Multi-Hazard Mitigation Plan

When was the plan approved?

April 2006

Is the plan a single or multi-jurisdictional plan?

Multi-Jurisdictional

If the plan is not yet approved, when do you expect approval?

Use the space below to identify the goal(s), objective(s), and action(s) this project relates to in the plan.

Goal 5: Reduce the potential level of damage and losses to people, existing and future critical facilities/infrastructure and other community assets due to floods.
Objective 5.B Decrease vulnerability of community assets, especially critical facilities located in the 100 year flood plain.
Objective 5.D Maintain compliance with the National Flood Insurance Program (NFIP) requirements.
Action: Mitigate risk of loss of life and property in the most flood prone zones.

Part II: Community Information, Continued

Other Mitigation Efforts

Is the project area in a Firewise Community?

No

If yes, provide the Firewise Community Number.

Does the community/agency participate in the National Flood Insurance Program (NFIP)?

Yes

If so, when was the last Community Assistance Visit (CAV)? (month/year)

07/17/2008

Does the community participate in the Community Rating System (CRS)?

No **CRS Classification**

Has the community adopted building codes consistent with the International Building Code (IBC)? Yes

Has the community's building codes been assessed on the Building Code Effectiveness Grading Schedule (BCEGS)?

If yes, what is the rating?

Use the space below to enter the contact information for the Floodplain Administrator for the community.

Name: Darde DeRoulhac
Title: Floodplain Administrator
Agency: Gila Co Community Development
Address: 608 E. Hwy 260
City, State, Zip: Payson, AZ 85541
Phone: 928-474-1076
E-mail: dderoulhac@co.gila.az.us

Part III: Hazard Information

What hazard(s) will this project mitigate? Indicate the frequency and severity of each.

Hazard	Frequency			Severity		
	Low	Medium	High	Low	Medium	High
Flooding/Flash Flooding	☐	☐	☒	☐	☐	☒
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐
If other, specify:	☐	☐	☐	☐	☐	☐

For flood mitigation projects, enter the following information below:

FIRM Panel Number	Date of FIRM	Flood Zone Designation
004007C1832D	12/04/2007	D

FIRM: Flood Insurance Rate Map

Describe the area where the mitigation project will be implemented (be sure to attach original maps, photos, and/or diagrams that clearly depict the project location).

See attached Standard Flood Hazard Determination document (15 pages)

Part III: Hazard Information, Continued

Risk Assessment

Describe the values at risk by number and/or type, including dollar figures (if available).	
People	2
Buildings	2 – Assessor 2010 Full Cash Value $39,274
Infrastructure	
Land	

Historical Damages

Date (month/year)	**Event**	**Brief Damage Description**	**Cost**
01/2010	Flash Flood	Runoff from the January 2010 storms caused flash flooding. Approximately 4 feet of mud and water flowed through the property and structures. The 2 structures were left with 4 inches of silt and mud inside. All of the fencing on the property was washed away by debris. Large amounts of driftwood were deposited on the property as well as 3-4 ft piles of silt.	Pending
Total Events	1	**Total Cost**	

Part IV: Financial

Cost Effectiveness

What is the benefit-cost ratio? (Attach the supporting BCA documentation.)	1.0
What is the net project cost? (See BCA.)	
What is the dollar amount of Damages Before Mitigation? (See BCA.)	
What is the dollar amount of Damages After Mitigation? (See BCA.)	
What is the dollar amount of potential future damage if the hazard is not mitigated? (Include any future costs not listed in the BCA.)	
Give details of any benefits not considered in the BCA (e.g., avoided future losses).	
Detailed report pending. BCA estimated to be at or greater than 1.0.	

BCA: Benefit-Cost Analysis

Part IV: Financial, Continued

Funding

Project Cost	Annual Maintenance Cost	Proposed Federal Share ($ and %)	Proposed Non-Federal Share ($ and %)
$81,501.75		$61,126.31	$20,375.44
		75 %	25 %

Matching Non-Federal Funds

Match Share Source	Source Agency Name	Funding Type	Amount	Date Available
General Funds	Gila County	In-Kind	$20,375.44	07/01/2011
		Total		
Use the space below to add any pertinent details not accounted for above.				

Be sure to include a letter that indicates the date the funds are available to be committed.

Part V: Project Information

Scope of Work

Describe the project, including what it entails and how it will address the problem being mitigated and how people and property at stake will be protected. (It may be useful to use a problem, tools, results format.)

Gila County Emergency Management proposes to purchase this property, demolish existing structures and return the land to open-space use. The intent of open-space acquisition from willing sellers is to maintain the property in perpetuity for uses compatible with open space, recreational, or wetlands management practices consistent with conservation of natural floodplain functions by recording deed restrictions consistent with the FEMA Model Deed Restriction.

The benefit of this mitigation action will be to prevent further risk to life and property in a natural, uncontrolled watershed.

Part V: Project Information, Continued

Estimated Project Timeline and Budget

Break down each action so that each separate cost can be documented. Contingency and administrative costs not allowed.			
Phase	**Duration**	**Itemized Action List**	**Cost**
1	6 months	Property Documentation: site assessment, appraisal, consultation regarding ongoing federal activities	$5000.00
2	12 months	Purchase offer, closing costs, legal fees	$51,502.00
3	3 months	Demolition plan, permitting and contracting	$5,000.00
4	3 months	Site Preparation	$5,000.00
5	6 months	Demolition, site restoration and stabilization	$15,000.00
Admin	60 Days	The Arizona Division of Emergency Management Mitigation Office reserves this time to perform the duties associated with administering the grant.	$0.00
Total		**Total Estimated Cost**	**$81,502.00**

Be sure to attach all relevant estimates, studies, drawings, blueprints, and preliminary engineering data, including hydrologic information, footprint, and elevations.

Part V: Project Information, Continued

Additional Questions

Does the project involve ground disturbance? Yes	**If yes, is it previously disturbed ground?** Yes
Use the space below to describe any potential ground disturbance involved in this project.	
2 structures will be demolished and debris removed from site. Grading of the site consistent with open-space use will be performed.	
Use the space below to describe any other projects in or near the project area that are related to this project.	
There are 2 other acquisition projects along the Tonto Creek.	
Is this project being funded in any part by other federal funding sources (e.g., Public Assistance (PA), Army Corps of Engineers (USACE), Natural Resources Conservation Service (NRCS)? NO **If yes, describe below.**	
N/A	

Part V: Project Information, Continued

Additional Questions, Continued

Is there a deed restriction or permanent conservation easement on the property at the project site that would prohibit federal disaster funding? NO **If yes, describe below.**
N/A
List any Public Assistance (PA) project worksheets (PW) or disaster survey reports (DSR) that were completed at the project's location during disasters in the last ten (10) years.

Public Notice

Are you required to give public notice for this project? YES **If yes, attach the document of record, and provide point of contact information below. Document of Record pending Gila County Board of Supervisors approval to submit application.**	
Name: Matt Bolinger **Title:** Director **Agency:** Gila County Emergency Management **Phone:** 928-402-8764	**E-mail:** mbolinger@co.gila.az.us **Address:** 5515 S. Apache Ave., Suite 400 **City, Zip:** Globe, 85501

Part V: Project Information, Continued

Maintenance Plan

Use the space below to describe the maintenance plan, making sure to address the following questions:

- **What type of maintenance will be necessary?**
- **How often will the maintenance be necessary?**
- **Who will be responsible for performing the maintenance?**

Maintenance of open space property will be conducted in consideration of reducing wildfire/hazardous fuels for the protection of life and property adjacent to the project. Condition of the property will be monitored at least bi-annually, and maintenance coordinated by Gila County Emergency Management personnel as needed.

Part V: Project Information, Continued

Alternative Solutions

Describe three (3) alternative solutions to the proposed mitigation project, including a cost estimate. One alternative may be "no action." Alternatives must be reasonable and feasible from a technical and economic standpoint, using common sense.

	Cost Estimate	Solution
Alternative 1	See Justification	Title **Elevation** **Description**
Alternative 2	See Justification	Title **Relocation** **Description**
Alternative 3	See Justification	Title **No Action** **Description**

Part V: Project Information, Continued

Project Justification

Use the space below to explain the reasoning behind choosing the proposed mitigation project over the alternative solutions listed on the previous page.

This property has experienced repetitive flooding due to changes in the natural watershed. Flash flood events deposit debris and soil that cause changes to the stream bed elevation. With each event the path of flash flood flow changes, increasing the risk of flood damages.
Federal restrictions regarding removal of debris from waterways in order to maintain the stream bed elevation ensures future flood events.

Elevation in this area of the natural watershed could create risks related to isolation of the property and possible emergency rescue of residents due to complications of isolation.

Relocation is cost prohibitive due to the 25% matching burden on the homeowner, including the requirement to maintain flood insurance on properties benefiting from federal funding.

This project proposes to acquire this property and dedicate the land to open space use as part of the county's ongoing flood mitigation efforts, thereby reducing the risk to life and property.

Part VI: Signatory and Attachments

Signatures

By signing below, I am agreeing that, to the best of my knowledge and belief, the data in this application and supporting documents are true and correct, and that willful misrepresentation may cause the application to be denied.

Signature of Applicant or Designee	Date

Signature of Applicant or Designee	Date

Signature of Applicant or Designee	Date

Attachments

Check the box next to each article that has been included with this application:

- ☐ **Designation of Applicant Agent**
- ☐ **Assurances (FF 2016)**
- ☐ **Benefit-Cost Analysis**
- ☐ **Environmental Questionnaire**
- ☐ **Maps, Photos, Blueprints**
- ☐ **Engineering/hydrology**
- ☐ **Property Inventory Spreadsheet(s)**
- ☐ **Funds Commitment Letter**
- ☐ **DSRs, PWs**